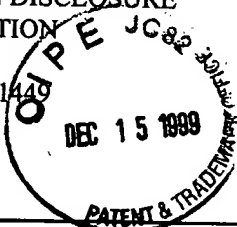


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CITATION

PTO-1449

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20676-712SERIAL NO.  
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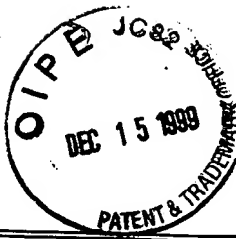
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FILING DATE  
December 3, 1998GROUP  
Unknown 2821

## U.S. PATENT DOCUMENTS

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Do not submit	<del>2,575,377</del>	<del>11/20/51</del>	<del>Wohl</del>			
	<del>2,763,003</del>	<del>9/11/56</del>	<del>Harris</del>			
	<del>3,633,210</del>	<del>1/04/72</del>	<del>Westerman</del>			
	<del>3,906,509</del>	<del>9/16/75</del>	<del>DuHamel</del>			
	<del>4,008,478</del>	<del>2/15/77</del>	<del>Ikarath et al.</del>			
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	<del>4,323,900</del>	<del>4/06/82</del>	<del>Krall et al.</del>			
	<del>4,349,824</del>	<del>9/14/82</del>	<del>Harris</del>			
	<del>4,608,574</del>	<del>8/26/86</del>	<del>Webster et al.</del>			
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	<del>5,099,249</del>	<del>3/24/92</del>	<del>Seavey</del>			
	<del>5,134,422</del>	<del>7/28/92</del>	<del>Auriol</del>			
	<del>5,255,005</del>	<del>10/19/93</del>	<del>Terret et al.</del>			
	<del>5,258,728</del>	<del>11/02/93</del>	<del>Taniyoshi et al.</del>			
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	<del>5,345,248</del>	<del>9/06/94</del>	<del>Hwang et al.</del>			
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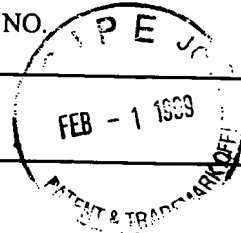
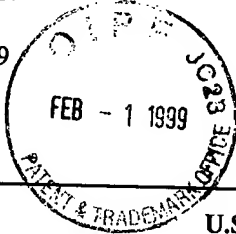
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SHEET 2 OF 3

INFORMATION DISCLOSURE  
CITATION

PTO-1449

ATTY. DOCKET NO.  
20676-712SERIAL NO.  
09/204,863APPLICANT  
LeistenFILING DATE  
December 3, 1998GROUP  
Unknown

## U.S. PATENT DOCUMENTS

Do not submit T-4	5,406,296	4/11/95	Egashira et al.			
	5,406,693	4/18/95	Egashira et al.			
	5,450,093	9/12/95	Kim			
	5,479,180	12/26/95	Lenzing et al.			
	5,541,613	7/30/96	Lam et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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T-4	EP 0 051 018						
	EP 0 032 404	12/22/80	Europe				
	EP 0 465 658	12/18/90	Europe				
	EP 0 521 511	7/03/92	Europe				
	EP 0 588 465	5/26/93	Europe				
	EP 0 590 534	9/24/93	Europe				
	JP 0 088 408	8/01/96	Japan				
	UK 1198410	7/15/68	Great Britan				
	UK 1568436	5/29/80	Great Britan				
	UK 2196483	9/07/86	Great Britan				
	UK 2202380	9/21/88	Great Britan				
	UK 2246910	12/02/92	Great Britan				
	UK 762415	11/28/56	Great Britan				
	UK 840850	7/13/60	Great Britan				
	WO 91/11038	7/25/91	PCT				
	WO 92/05602	4/02/92	PCT				
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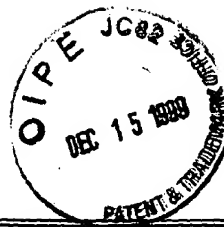
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SHEET 3 OF 3

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		APPLICANT Leisten	
		FILING DATE December 3, 1998	GROUP Unknown <u>284</u>
		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
Do not submit	T.4	Hakano, Hisamatsu, HELICAL AND SPIRAL ANTENNAS--A NUMERICAL APPROACH, Research Studies Press Ltd	
	T.4	Krall, McCorkel, Scarzello, Syeles, COMMUNICATIONS, IEEE Transactions On Antennas and Propagation, Vol.AP-27 No. 6, November, 1979	
EXAMINER <u>Tanbo</u>		DATE CONSIDERED <u>11/18/99</u>	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

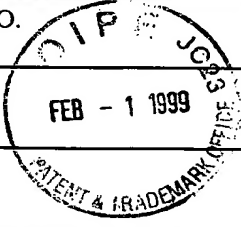
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SHEET 1 OF 3

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Do not submit	<del>2,575,377</del>	<del>11/20/51</del>	<del>Wohl</del>			
	<del>2,763,003</del>	<del>9/11/56</del>	<del>Harris</del>			
	<del>3,633,210</del>	<del>1/04/72</del>	<del>Westerman</del>			
	<del>3,906,509</del>	<del>9/16/75</del>	<del>DuHamel</del>			
	<del>4,008,478</del>	<del>2/15/77</del>	<del>Hkarath et al.</del>			
	<del>4,008,479</del>	<del>2/15/77</del>	<del>Smith</del>			
	<del>4,160,979</del>	<del>7/10/79</del>	<del>Drewett</del>			
	<del>4,204,212</del>	<del>5/20/80</del>	<del>Sindoris et al.</del>			
	<del>4,270,128</del>	<del>5/26/81</del>	<del>Drewett</del>			
	<del>4,323,900</del>	<del>4/06/82</del>	<del>Krall et al.</del>			
	<del>4,349,824</del>	<del>9/14/82</del>	<del>Harris</del>			
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	<del>4,862,184</del>	<del>8/29/89</del>	<del>Ploussios</del>			
	<del>4,940,992</del>	<del>7/10/90</del>	<del>Nguyen et al.</del>			
	<del>4,980,694</del>	<del>12/25/90</del>	<del>Hines</del>			
	<del>5,081,469</del>	<del>1/14/92</del>	<del>Bones</del>			
	<del>5,099,249</del>	<del>3/24/92</del>	<del>Seavey</del>			
	<del>5,134,422</del>	<del>7/28/92</del>	<del>Auriol</del>			
	<del>5,255,005</del>	<del>10/19/93</del>	<del>Terret et al.</del>			
	<del>5,258,728</del>	<del>11/02/93</del>	<del>Taniyoshi et al.</del>			
<del>5,298,910</del>	<del>3/29/94</del>	<del>Takei et al.</del>				
<del>5,329,287</del>	<del>7/12/94</del>	<del>Strickland</del>				
<del>5,341,149</del>	<del>8/23/94</del>	<del>Valimaa et al.</del>				
<del>5,345,248</del>	<del>9/06/94</del>	<del>Hwang et al.</del>				
<del>5,346,300</del>	<del>9/13/94</del>	<del>Yamamoto et al.</del>				
<del>5,349,361</del>	<del>9/20/94</del>	<del>Egashira et al.</del>				
<del>5,349,365</del>	<del>9/20/94</del>	<del>Ow et al.</del>				
EXAMINER Tan Ho			DATE CONSIDERED 11/18/99			

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INFORMATION DISCLOSURE CITATION		ATTY. DOCKET NO. 20676-712		SERIAL NO. 09/204,863	
PTO-1449		APPLICANT Leisten			
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**U.S. PATENT DOCUMENTS**

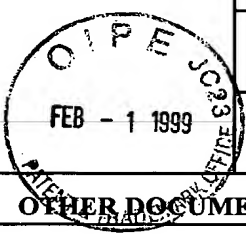
Do not submit	5,406,296	4/11/95	Egashira et al.		
	5,406,693	4/18/95	Egashira et al.		
	5,450,093	9/12/95	Kim		
	5,479,180	12/26/95	Lenzing et al.		
	5,541,613	7/30/96	Lam et al.		

**FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
T.H.	EP 0 051 018						
	EP 0 032 404	12/22/80	Europe				
	EP 0 465 658	12/18/90	Europe				
	EP 0 521 511	7/03/92	Europe				
	EP 0 588 465	5/26/93	Europe				
	EP 0 590 534	9/24/93	Europe				
	JP 0 088 408	8/01/96	Japan				
	UK 1198410	7/15/68	Great Britan				
	UK 1568436	5/29/80	Great Britan				
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	UK 840850	7/13/60	Great Britan				
	WO 91/11038	7/25/91	PCT				
	WO 92/05602	4/02/92	PCT				
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	WO 93/22804	11/11/93	PCT				
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EXAMINER T.H.	DATE CONSIDERED 11/18/99
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		FILING DATE December 3, 1998	GROUP Unknown <u>284</u>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>Do not submit</i> <i>T.H.</i> <i>T.H.</i>	Hakano, Hisamatsu, HELICAL AND SPIRAL ANTENNAS--A NUMERICAL APPROACH, Research Studies Press Ltd		
	Krall, McCorkel, Scarzello, Syeles, COMMUNICATIONS, IEEE Transactions On Antennas and Propagation, Vol.AP-27 No. 6, November, 1979		
EXAMINER <i>Tanbo</i>		DATE CONSIDERED <i>11/18/99</i>	

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INFORMATION DISCLOSURE CITATION		ATTY. DOCKET NO.		SERIAL NO.			
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APPLICANT		FILING DATE		GROUP			
Leisten		December 03, 1998		Not Assigned			
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
T.H.	5,170,176	12/08/92	Yasunaga et al.	343	895	1	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
T.H.	0 198 578 A1	10/22/86	Europe	1	1	YES	NO
T.H.	DE 3217437 A1	11/10/83	Germany	1	1	YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Josef Pomarski, P 186944, Method of Masking Substrate Plates, pages 1-2							
EXAMINER		DATE CONSIDERED					
Tan Ho		11/17/99					

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